Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 13 Mar 2023 until 23:59 on Tuesday 14 Mar 2023

Forecast Issued on Monday 13 Mar 2023 at 01:54

Confidence: High for an unsettled week with heavy precipitation at times and turning colder later Monday. Lower for extent of snow showers later Tuesday, timing of clearance Thursday, and for Friday.

Headline for Monday 13 Mar 2023: Cloudy with outbreaks of occasionally heavy rain, then snow late evening. Windy.

Mountain weather hazards on Monday 13 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Sleet	Sleet
Precipitation probability					
70%	70%	70%	80%	70%	70%

Forecast for Monday 13 Mar 2023

Weather: Cloudy with widespread hill fog and outbreaks of occasionally heavy rain through much of the day. Later this evening, as winds turn more northerly, the rain will turn increasingly to snow at all but the lowest levels.

Chance of cloud-free hill tops above 600m: 30%

Low cloud and visibility: Persistent cloud above 450-600m, lowering to 300m at times especially for western hills. Best chance of any breaks in low cloud will be over eastern hills. Away from cloud visibility several kilometres in rain, but much less in hill fog, and in sleet and snow later.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 13 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	42/53 SW	38/49 SW	38/53 SW	36/50 SW	32/44 SW	25/36 W	18/27 NW
300	32/42 SW	30/42 SW	30/44 SW	28/41 SW	24/37 SW	21/32 W	15/24 NW
Valley	19/41 SW	18/38 SW	20/42 SW	18/39 SW	17/36 SW	15/29 W	12/24 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/0	6/-1	6/-0	6/-0	5/-1	2/-5	0/-6
300	9/4	8/3	9/4	8/3	8/3	4/-1	2/-3
Valley	10/6	8/5	9/5	9/5	8/4	5/0	3/-2
Freezing Level*	1500m	1600m	1600m	1600m	1500m	800m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts close to 65mph over higher peaks in the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 13 Mar 2023	8mm	9.4mm	10mm

Forecast for Tuesday 14 Mar 2023

Weather: Occasionally heavy snow clearing south through the early hours with skies then clearing. Then a bitterly cold day with a mix of sunny spells and occasionally heavy snow showers, most frequent over western hills. The showers largely dying out through the evening.

Maximum wind: North-westerly 20-30mph, gusts around 45mph over higher peaks

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Cloud generally above the summits, but lowering to 400-500m at times in showers. Away from cloud visibility very good, but very poor in snow showers.

Temperature: **Valleys:** Around zero Celsius at dawn and again in evening, rising to plus 4 Celsius by day
At 600m: Around minus 1 or 2 Celsius
Freezing level: 300m or less

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